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will be permitted to operate. For indoor communications and measurement systems, FCC provides a wide variety of UWB devices, such as high-speed home and business networking devices as well as storage tank measurement devices under Part 15 of the Commission's rules subject to certain frequency and power limitations. The indoor UWB devices must operate in the frequency band from 3.1 GHz to 10.6 GHz. UWB communication devices should also satisfy [[by]] the Part 15.209 limit, which sets the indoor FCC emission limits for UWB system, for the frequency band below 960 MHz and conform the FCC's emission mask for the frequency band above 960 MHz in Table 1:

Table 1

Frequency (MHz)	EIRP (dBm)
0-960	-41.3
960-1610	-75.3
1610-1990	-53.3
1990-3100	-51.3
3100-10600	-41.3
Above 10600	-51.3

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Page 7, in the background section, the second paragraph, replace with the following new paragraph:

--- FCC proposed to define [[the]] an UWB device as any device where the fractional bandwidth is greater than 0.25 based on the formula for calculating, as follows:

$$FB = 2 \left(\frac{f_H - f_L}{f_H + f_L} \right), \quad (1)$$

where f_H is the upper frequency of the -10 dB emission point and f_L is the lower frequency of the -10 dB emission point. The center frequency of the

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